

lumber or wood sheeting. The quantity to be paid for will be the area of sheeting left in place multiplied by the nominal thickness.

Steel sheeting, when indicated on the plans or in the Special Provisions to be left in place or when ordered by the Engineer to be left in place as a permanent part of the foundation, will be measured by the kilogram. The mass of the quantity to be paid for shall be calculated on the basis of 107 kilograms per square meter of wall in place. No additional compensation will be allowed if a heavier sheeting is used unless such heavier sheeting is specified in the Special Provisions, or shown on the plans.

950.81 Basis of Payment.

Steel sheeting, when indicated on the plans, in the Special Provisions, or when ordered by the Engineer, to be left in place as a permanent part of the foundation, will be paid for at the contract unit price per kilogram under the item for Steel Sheeting. The contract unit price per kilogram shall also include full compensation for anchors, when required, for the sheeting.

Lumber or Wood when indicated on the plans or in the Special Provisions to be left in place or when ordered by the Engineer in writing to be left in place as a permanent part of the foundation will be paid for at the contract unit price per cubic meter for Lumber Sheeting or Wood Sheeting.

No direct payment will be made for any sheeting not indicated on the plans or in the Special Provisions or not ordered in writing by the Engineer to be left in place as a permanent part of the foundation. Such sheeting will be considered as incidental work necessary for the proper prosecution and protection of the work during construction operations and compensation therefor shall be included in the prices bid for the various items of work for which the sheeting was used. If the Contractor elects to leave such sheeting in place with the approval of the Engineer, no payment will be made for same as sheeting left in place.

For purposes of partial payment, except as noted below, the sheeting item will be considered 90 percent done when the sheeting has been completely driven and the area within the sheeting is ready for such work as may be required to be done therein. The sheeting item will be considered completed when the sheeting has been cut at the required elevation.

950.82 Payment Items.

950.	Lumber Sheeting	Cubic Meter
951.	Wood Sheeting	Cubic Meter
952.	Steel Sheeting	Kilogram

SECTION 955

TREATED TIMBER

DESCRIPTION

955.20 General.

Treated timber shall be used where indicated on the plans and where directed.

MATERIALS

955.40 General.

Material shall meet the requirements specified in the following Subsections of Division III, Materials:

Treated Timber	M9.05.1
Fastenings	M8.01.5
Tar Paper	M9.06.2
Preservatives	M9.05.5

CONSTRUCTION METHODS

955.60 General.

Treated timber shall be carefully handled without sudden dropping, breaking of outer fibers, bruising or penetrating the surface with tools. It shall be handled with rope slings. Cant hooks, peaveys, pikes or hooks shall not be used.

The Contractor shall keep available at the site the preservatives and equipment for brush coating all treated timber that has been bored for fastenings or otherwise cut after treatment. The preservatives applied at the site shall be the same grade and concentrations used at the plant. They shall be applied hot and in two coats, the second application made after the first has been fully absorbed. Holes that would otherwise remain unfilled shall be treated with a pressure bolt-hole treater and then closed with a treated plug.

A washer, of the size and type specified, shall be used under all bolt heads and nuts which would otherwise come in contact with timber. The nuts of all bolts shall be effectively locked after they have been finally tightened.

Fastenings shall conform to Subsection M8.01.5 for anchoring bridge bearings.

Stringers and other members supporting planking shall be capped with tar paper.

955.61 Inspection.

All materials will be inspected either at the place of manufacture or upon arrival at the site where it is to be used.

All materials not conforming in every detail with the requirements of these specifications will be rejected and removed from the work by the Contractor.

COMPENSATION

955.80 Method of Measurement.

All treated timber used will be measured by the cubic meter, in place.

The quantities will be measured according to the following dimensions:

For wheel guards, sleepers, blocking, bracing, isolated timbers and similar lumber, the nominal size of the timber and the actual length in place.

For platforms, decks and similar lumber, the nominal thickness of plank and the overall area, with no deduction for directed spaces between planks.

No allowance will be made for waste or cut-off.

955.81 Basis of Payment.

Treated timber will be paid for at the contract unit price per cubic meter under the item for Treated Timber complete in place.

955.82 Payment Items.

955. Treated Timber

Cubic Meter

SECTION 960

STRUCTURAL STEEL AND MISCELLANEOUS METAL PRODUCTS

DESCRIPTION

960.20 General.

This section shall apply to the furnishing, fabrication, erection and painting of all structural steel and metal work in the contract.

The work shall be done in accordance with the requirements of the AASHTO Standard Specifications for Highway Bridges, the Bridge Welding Code (ANSI/AASHTO/AWS D1.5) and these specifications.

MATERIALS

960.40 General.

Materials shall meet the requirements specified in the following Subsections of Division III, Materials:

Structural Steel	M8.05.0
Steel Pins	M8.04.2
High Tensile Strength Bolts	M8.04.3
Bronze Self-Lubricating Bearing Plates	M8.11.0
Iron Casting	M8.03.0
Paints and Protective Coatings	M7.00.0
Steel Baffles & Drainage Troughs	M8.05.3
Bearing Pad Supports	
Molded Fabric	M9.16.2
Rubber-Cotton Duck	M9.16.1

If a Contractor proposes to use steel from sources other than a mill, the source must be approved by the Engineer. The Contractor shall supply the Engineer with a description of the proposed facility along with the method used by the facility to segregate, identify and otherwise assure the Engineer that the supplied material is in conformance with the specifications. All sources must supply the actual mill test reports.

CONSTRUCTION METHODS

960.60 Shop Drawings.

After the contract has been awarded, and before any shop work is commenced, the Contractor shall submit complete sets of prints of the shop drawings as specified in Subsection 5.02.

On projects that contain more than one bridge, each bridge will be considered separately in submitting shop drawings. Shop work can commence on each bridge as the shop drawings on that bridge are approved.

On projects which contain complicated steel structures such as a viaduct, long span bridge, etc., the Contractor